

Studies of Changes in the Composition of Sulphide
Inclusions After the Rolling of Steel Ingots and
Continuously Cast Billets, by S. Bergh.
SWEDISH, per, Jernkon Ann, Vol 152, No 9, 1968,
pp 451-452.
BISI 7657

Sci/Chem
May 70

406,768

The Alloy Supply Situations for the Steel
Industry III - The Uses of Alloy Metals,
by C. H. Rosendahl,
SWEDISH, per. Jernkon, Ann., Vol 152, No 8,
1968, pp 387-419.
BISI 8314

Sci/Mat
Sep 70

The Alloy Supply Situation for the Steel Industry,
by C. Bjorling.
MATERIAL, per, Jenken. Ann. Vol 152, No 8, 1968,
pp 372-386; discussion pp 412-419
MISI 7343

sci/materials
sept 69

392,981

Recent Developments in the Field of Powder
Pressing, by O. V. Roman.
SWEDISH, per, Jernkon. Ann., Vol 152, No 5,
1968, pp 245-252.
BISI 6777

Sc&Nat
Apr 69

379,736

Studies relating to the Effect of Tapping and
Pouring Practices on the Nonmetallic Inclusion
Content of Steel. Part 2, by C. Ericsson.

ERICSSON, PER, Jernkontorets Annaler, Vol 152,
No 5, 1968, pp 212-223.
NO 7643-2

sci/ materials
sept 69

392,949

Studies Relating to the Effect of Tapping and
Pouring Practices on the Nonmetallic Inclusion
Content of Steel. Part 1, by C. Ericsson.
NORDEN, Per, Jonkantonets Annaler, Vol 152,
No 5, 1968, pp 205-212.
IB 7643-1

sci/materials
aug 69

388,616

Bubbles in Steel, by P. E. Kihlstedt.
SWEDISH, par, Jernkont. Ann., Vol 152, Jan 1968,
pp 19-28.
HISI 8613

sci/materials
nov 70

the organization and economy of research, by
R. S. Jansenberg.
MADRID, per, Genkon. Ann., Vol 152, No 1,
1968, pp 9-18.
BISL 6633

sci/ materials
oct 69

398,277

Studies of the Strength in a Reducing Atmosphere
of Cold-Bound and Sintered Iron Ore Agglomerates, by
G. Thaning. SWEDISH, per, Jernkon Ann, Vol 151,
No 10-11, 1967, pp 705-748.
BISI 6785

Sci/Materials
Jun 69

383,474

Solution of SiO_2 In Plain Carbon Steels, by
H. Sandberg.

SWEDISH, per, Jernkon. Ann., Vol 151, No 9,
1967, pp 612-617.

BISI 6721

100 27, 4000 (66000)

Sci-Nat

Mar 69

377,309

KALLING, B. Desulphurisation of pig iron with special
regard to Swedish conditions.

Jernkont. Annlr 151(9):584-602 (1967) (CRL/D. 986)

Selenium-Containing Inclusions in Steel,
by R. Kiessling.

SWEDISH, por, Jernkontorets Annaler,
Vol 151, No 8, 1967, pp 542-552.

HB 7491

Sci/Materials
Jan 69

353,304

The Swedish Charcoal Furnaces, by I. Bohm. SWEDISH,
per, Jernkon Ann, Vol 151, No 6/7, 1967,
pp 445-458.
BISI 7250

Sci/Materials
Jun 69

383,081

General X-Ray Fluorescence Method for the Determination of Iron in Minerals, by T. Roestad.
SWEDISH, per, Jernkon Ann. Vol 151, No 3, 1967.
pp 216-226.

BISI 5896

NLL Ref: 9022.06(5896)

Sci-Mat

Apr 68

352,186

X-Ray Method For Residual-Stress Measurements,
by G. Alston, P. Spiroberg.

SCBDSI, per, Jernkon. Ann., Vol 151, No 1,
1967, pp 62-83.

BINI 6907

CRL/T. 3924x

Sci-Stat
May 69

382,412

Scale Formation on Steel at Temperatures of
Interest in Hot Working, by E. Tholander and
S. Blomgren.

SWEDISH, par, Jernkon. Ann., Vol 151, Jan 1967,
pp 16-61.

WBISI 5930

Sci-Materials
Oct 67

Diffusion of Carbon in the Different Phases
of Carbon Steel, by M. Hillert, R. D. Sharp.
SWEDISH, per, Jernkont. Ann. Vol ~~EX~~XXVII,
No 11, pp 785-790.
*BISI 4876

Sci-M&M
May 66

300,953

Process Control in Mineral Concentrates,
by P. H. Fahlstrom.
SWEDISH, per, Jernkon Ann, Vol150, No 10,
1966, pp 701-717.
BISI 5938

NCL 24.9052.00(5938)

Sci-Materials
Mar 69

376,286

The Possibilities of Vacuum Treatment, by S.
Elstorp.
SWEDISH, per, Jernkont. Ann., Vol 150, No 9,
1966, pp 585-685.
BISI 5399

Sci-Materials
Oct 67

343,126

Process Control of Sheet and Wide-Strip Mills,
by K. Gedin.
SWEDISH, per, Jernkon Ann., Vol 150, No 8,
pp 537-572.
*BISI 5286

Sci - Mechanical, Industrial,
Civil, and Marine Engineering
Jan 67

Checking the Progress of the Carbon Elimination From the Hot Metal by Oxygen Blowing.
Continuous Determination of the Carbon Combustion Ratio in the Kaldo Process, by J. A. Svedstam.

SWEDISH, per, Jernkont Ann., Vol 150, No 6,
1966, pp 335-357.
WID 6989

Sci - Mechanical, Industrial,
Civil, and Marine Engineering
Dec 66

Slag Inclusions in Steel, by R. Kessling, N. Lange.
SWEDISH, per, Jernkont. Ann., Vol 150, No 3, 1966,
pp 203-211.
BISI 5027

313,312

Sci - Materials
Nov 66

The Corrosion-Fatigue Strength of Corrosion-Resistant Steel Exposed to Sulphurous Acid,
by H. Spahn, H. Speckhardt.

SWEDISH, per, Jernkont. Ann., Vol 150, No 3,
1966, pp 174-202.

BISI 5205

319,826

Sci - Materials

Feb 67

Calibration and Evaluation in X-Ray Fluor-
escence Analysis of Alloyed Steels, by
H. Louanna, W. Fugmann.
SWEDISH, per, Jernkont. Ann., Vol 150, No 2,
1966, pp 99-110.
BISI 5069

314,522

Sci - Materials
Jan 67

Addition of Aluminum to Steel for Deoxidation.
Part II, by H. Gidmark.
Sweden, per, Journalen Amsler, Vol 150,
No 1, 1956, pp 38-50.
JB 6870-II

Sci/Materials
Loc 66

314,344

Addition of Aluminum to Steel for
Deoxidation, by H. Widmark.
SWEDISH, per, Jernkontorets Annaler,
Vol 150, No 1, 1966, pp 28-38.
HB 6870-I

Sci-Materials
Oct 66

313,155

Accelerated Cooling of Hot-Rolled Products, by
H. Jonsfelt.
SWEDISH, per. Jernkont. Ann., Vol 149, No 9,
1965, pp 505-603.
RLSI 5703

Sci-lat
Oct 67

340,856

The Influence of Different Factors on the
Coefficient of Heat Transfer in Stool Heating
Furnaces, by G. Wallquist.

SWEDISH, per, Jernkon. Ann., Vol 149, No 5,
1965, pp 221-256.

*BISI 6224

Sci/Mat
Mar 68

Preparatory Considerations and Experiments on
the Automation of the Basic Oxygen LD Process,
by W. Schleicher, et al.
SWEDISH, per, Jernkontorets Annaler, Vol 149,
No 1, 1965, pp 1-11.
HB 6646

NE-Sweden
Sci/MGM
Apr 66

298,881

When the Accident Happened.

DANISH, per, Jernbane Tidende, Copenhagen, No 17,
15 Sept 1968, pp 238-239.

DIA IN 367-69

Sci-Misc

Jan 69

372,667

Safety.

DANISH, per. Jernbane Tidende, Copenhagen, No 17,
15 Sept 1968, pp 232-233.

DIA LN 367-69

Sci-Misc
Jan 69

372,666

Rationalization of the Danish State Railways.
DANISH, per. Jornbane Tidende, Copenhagen, No 17.
15 Sept 1968, pp 204-205.
DIA LN 367-69

WE
Econ
Jan 69

372,665

The Importance of the Railroads in Future
Transportation, 9 pp.

DANISH, por, Jornbano Tidondo, No 6, Mar 1968,
pp 72-75.

DIA LN 854-68

W Bur
Econ
Jul 68

361,292

Scandia/Standards, 8 pp.
DANISH, per, Jernbane Tidende, No 2, 15 Jan 1968,
pp 15-17.
DIA LN 617-68

Sci/Misc
June 68

358,404

Immunohistologic Detection of the Foot-and-
Mouth Disease Virus, by Dieter Urbaneck, 16 pp.
GOVERNMENT USE ONLY
GERMAN, rpt, Jenaer Rundschau, 1969, pp 222-227.
ARM/FSTC/HT-23-623-70

Sci/B&M
Feb 71

W. Kiculehn

The wayfinding of the 41 glass makers. 55 pp.
GERMAN, bk, Jenaer Glaswerk Schott & Genossen, Mainz
1971, pp 1-58
AIR/FTD-HC-23-1811-71

DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES ONLY
COPYRIGHT MATERIAL

june 72

Laser Distance Measurement of Artificial Earth
Satellites at Ondrejov Observatory,
by T. Daricek, 10 pp.
CZECH, per. Jemna Mechanika a Optika, No 7,
1971, pp 186-189.
ACSI-K-1627
FSTC-HT-23-1081-72

May 72

Device for Spatial Filtration of Undesirable Images,
by M. Miler, 11 pp.

GOVERNMENT USE ONLY

CZECH, per, Jemna Mechanika a Optika, Vol 15, No 5,
1970, pp 137-140.

ARM/FSTC/HT-23-1534-71

June 72

Electromotive Dental Drill Handpiece, by
K. Kumbalek, 9 pp.
CZECH, per. Jemna Mechanika a Optika, Vol 15,
No 4, 1970, pp 97-100.
ACSI-K-1296

Jan 72

Calibration of Infrared Radiation Detectors, by
J. Obadalek. 12 pp.

CZECH, per, Jemna Mechanika a Optika, No 11,
1968, pp 358-361.

ACSI-J-7727

FSTC-HT-23-157-70

HR/FTD/11-23-332-69

Sci-Nucl Sci
Jan 70

400,263

New Development in Fiber Optics by A. Jacobsen,
7 pp,
CZECH, per, Jenna Mechanika A Optika No 11,
1968, pp 348-349
AIR/FTD/HT-23-520-69

sci/materials
apr 70

406,580

A Calorimeter for Measuring Laser Output Energy,
by D. Vavroukh. 14 pp.
Czech, per, Časopis pro vědu, techniku a optiku, 1968,
no 9, pp 287-290.
ADU/PAD/AT-23-524-69

sci/physics
feb 70

402,781

Ruby Laser TKG 102, by F. Rohlicek, et al, 13 pp.
GOVERNMENT USE ONLY
CZECH, per, Jenna Mechanika a Optika, Vol 13, No 7,
1968,
AIM/FSTC/HT-23-588-68

Sci/Phys
June 69

383,333

Ruby Laser with Controlled Quality of Optical
Resonator, by J. Vierzig, J. Smucr, 10 pp.

GOVERNMENT USE ONLY

CZECH, per, Jemna Mechanika A Optika, Vol 13, No 6,
1968, pp 176-178.

ARM/FSTC/ITT-23-772-68

Sci/Phys
Oct69

394,063

The Effect of Atmospheric Scattering on
Optical Beam Intensity at Low Visibility,
by M. Miller, M. Chomat.
CZECH, per, Jemna Mechanika a Optika,
No 12, 1967, pp 382-384.
AIR/FTD/HT-23-598-68

Sci-Atmos Sci
Apr 69

380,515

Laser Beam and the Eyes, by M. Liska, 10 pp.
CZECH, por, Jesna Mechanika a Optika, Vol 11,
Nov 1967, pp 341-344.
Dept of Navy/NMS 1252

Sci-B and E
Apr 68

352,177

Medical Electronics at Threshold of Cybernetics
Age, by O. Pistora, 17 pp.

GOVERNMENT USE ONLY

CZECH, per, Jerna Mechanika a Optika, No 8, Aug
1967, pp 250-253.

JPRS GUO 2597

Sci-B and M
Nov 67

343,769

Radiometer Radiation Measurement,
by K. Schovanec
CZECH, per, Jenna mechani a a optika, No 5,
1967, pp 109-113.
*FTD-HT-23-599-68C

Sci-Nuclear Sci
Aug 68

Generation of Giant Pulses with Ruby
Laser by the Rotating Mirror Method at
Lower Speeds, by Vl. Novacek, J. Matousek.
GOVERNMENT USE ONLY

CZECH, per, Jemna Mechanika a Optika,
No 5, 1967.

ARM/FSTC/WT-23-702-68

Sci-Phys

June 69

384,099

Radiation Measurements by Means of a Radiometer,
by K. Schovanec, 11 pp.
CZECH, per, Jomna Mech a Optika, No 4, 1967,
pp 109-113.
RTD/FTD/ITT-23-599-68

Sci/Nucl
Nov 69

393,546

Discharge Lamps of Czechoslovak Industrial Glass
for Lasers, by G. Sklenar, 19 pp.

GOVERNMENT USE ONLY

CZECH, per, Jerna Mechanika a Optika, No. 1,
Jan 1967, pp. 22-27.

JPRS GUO 2326

EE-Czech

Econ

Apr 67

321,102

Evacuation of Electron Emitters Using Titanium
Getter Pumps, by P. Hix, 84pp.

CZECH, por, Jarna Mechanika a Optika, 1966/8
pp 243-244. P011334257

AEC Siso Trans-70

Sci/Mat
Nov 67

342,400

Thin Layers in Optics, by Ed. Knittel,
8 pp.

CZECH, per, Jenna Mechanika A Optika,
No 11, 1966, pp 218-220.

R100218768-V

FTD-HT-23-1032-67

Sci/Physics
Sep 68

364,306

Infrared and Ultraviolet Birefringent Chain
Filters, by I. Solc. 3 pp.
CZECH, per. Jemna Mechanika a Optika, No 4,
1966, pp 112.
ACSI J-0593
ID 2204043366

Sci-Phys
Oct 66

309,815

Experiences in Using Sliding Air Bearings, by
G. Stuller. 5 pp.
CZEMI, per, Jenna Mechanika a Optika, No 2, 1966,
pp 47-48.
AIR/PTD/MT-23-1256-67

Sci/Mechan Engr
Feb 69

375,474

A Method for the Fast Measurement of the
Permeability of Glass Fibers, by I. Cabak, 6 pp.
CZECH, per, Jemna Mechanika a Optika, No 1,
1966, pp 3-4. P100073668-V
FTD-HT-23-694-67

Sci/Phys
May 68

356,774

800
Certain Physical Problems of Physiological
Optics, by O. Novakova,
RUSSIAN, per, Jenna Mechanika a Optika, No
12, 1965, pp 369-372. P100126566
FTD-HT-66-283

Sci-Phys
Feb 67

318,937

On the Problems of Vacuum Engineering in the
Preparation of Thin Films, by U. Espe, 24 pp.
OZBOL, per, Jornal Mechanika a Optika, No 11,
1965, pp 341-348.
AIR/STO/11-67-211.

Sol-Phys
Nov 68

353,675

Expansion of Optical Waves in the
Atmosphere, by M. Miler, 20 pp.
CZECH, per, Žurnál Mechanika a Optika,
No 10, 1965, pp 313-317. P100090967
FTD-HT-66-341

Sci - Atmospheric Sci
Apr 67

322,059

On the Problems of Vacuum Technology in the
Preparation of Thin Films, by W. Espe, 17 pp.
CZECH, per, Jemna Mechanika a Optika, No 10,
1965, pp 305-310. F100221468-V
FTD-JET-67-209

Sci/Phys
Sept 68

366,621

quartz-iodine Lamps for Photography and
Cinematography, by

CZECHOSLOVAKIA, por, Journal Mechanika a
Optika, No 6, 1965.

ACSI I-9418-B

ID 2204017066

Sci-Engr
Mar 66

Electro-Optical Range Finder EOS, by
Otakar Partl. 6 pp.
CZECH, per, Jemna Mechanika a Optika, no 6,
1965, pp 193-195.
ACSI I-9418 c
ID 2204017866

Sci-Elect
Apr 66

299,624

Production of Gelatine Light Filters Used
in Photometry, by V. Jakubek, 20 pp.
CZECH, per, Jemna Mechanika a Optika,
No 6, 1965, pp 181-185.
ACSI I-9418b
ID 2204017866

Sci-Elect
Apr 66

299,623

Measurements of Refraction Index of Thin
Layer by Method Based on Brewster's Angle
of Incidence, by K. Kuznikova, 12 pp.
CZECH, per, Jemna Mechanika a Optika,
No 6, June 1965, pp 173-176.
ACSI I-9418 a
ID 2204017866

Sci-Elect
Apr 66

299,622

Role of Optics in Czechoslovak Precision
Mechanics Industry, by J. Hnevkovsky, 7 pp.
GOVERNMENT USE ONLY
CZECH, per, Jezna Mechanika a Optika, Vol
X, No 5, May 1965, pp. 137-139.
JPIS GUO 778

EE-Czech
Econ
Jul 65

232,972

The Present State of Series Production of Basic
Vacuum-Technique Components in Czechoslovakia,
by J. Buril, 13 pp.

CZECH, per, Jemna Mechanika a Optika, No 3,
1965, pp 89-92. P100325767
FTD-HT-66-562

Sci-Mechanical, Industrial, Civil
and Marine Engineering
Dec 67

344,454

The Use of a High Frequency Film Camera
to Study Plastic Deformation of Metals
at Explosive Burdens, by A. Schweighofer,
6 pp.

CZECH, per, Jemna Mechanika a Optika,
No 3, 1965, pp 75-76. P100059066
FTD-IT-66-43

Sci - Materials

Nov 66

Unidirectional Reverse Mono System Pump Turbine,
by M. Nechleba,
CZECH, rpt, Jednosmerná Reversní Turbina Mono,
No C-2, 1967, pp 1-3.
CIA X-6676

Jul 68

Up-to-Date News From Sweden, by Swedish State
Railways.

SWEDISH, por, Jarnvags Teknik, No 2, 1968,
pp 56-57.

DIA IN 38-69

Sci/Misc

Nov 68

358,562

A Train Ferry in the Baltic, by I. M. Ljunggren,
18 pp.
SWEDISH, per, Jarnvags Teknik, No 2, 1967,
pp 49-57.
DIA LN 44-68

W Eur
Econ
June 68

358,440

Modern French Electric Locomotives.
SWEDISH, per, Jarnvags Teknik, No 2, 1967,
pp 49-57.
DIA IN 44-68

Sci/Mech
June 68

358,439

The Train Ferry "Skane",
SWEDISH, per, Jarnvagen, Tidskrift for Trans-
protfrager, No 22, 1966, pp 11.
DIA LN 199-67

Sci-
Jul 67

330,733

Railway Car Coupling,
SWEDISH, per, Jarnvagen, Tidskrift for Trans-
portfrager, No 12, 1966, pp 8.
DIA IN 199-67

Sci-
Jul 67

330,732